

Ex. Problems:

Sodium metal reacts with oxygen to produce solid sodium oxide. How many grams of sodium must react to produce _____ g of sodium oxide?

When _____ g of hydrogen reacts with oxygen, how many grams of water are produced?

Actual Yield: amount of _____ produced when the _____ is performed in a _____

Theoretical Yield: amount of _____ expected to be _____ based on the _____ and the amount of _____

Percent Yield
(_____ yield / _____ yield) \times 100%

Percent Yield in Lab

actual yield of CO_2 = _____ (from lab data)

Calculate theoretical yield from balanced equation:



?g CO_2 = 0.23 g NaHCO_3

% yield =

What is the % yield of carbon dioxide when _____ grams of propane are burned and _____ grams of carbon dioxide are collected?

The Chemistry Quiz

CR1.

CR2.

1.

2.

3.

4.

5.

CHEMISTRY: A Study of Matter

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